



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

19/D
Jm
1/13/02

In re Application of: Lal *et al.*

Art Unit: 1645

Application No. 09/763,397

Filed: February 16, 2001

For: RECOMBINANT MULTIVALENT MALARIAL
VACCINE AGAINST PLASMODIUM
FALCIPARUM

Examiner: Vanessa L. Ford

Date: January 2, 2003

CERTIFICATE OF MAILING

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service on January 2, 2003, as First Class Mail in an envelope addressed to: COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231.

William D. Noonan
William D. Noonan, M.D.
Attorney for Applicant

NON-FEE AMENDMENT
COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

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AMENDMENT AND RESPONSE

This is in response to the Office action dated October 1, 2002. A three-month period for response has been set, making an answer due on or before January 2, 2003. The Commissioner is authorized to charge any additional fees that may be required, or credit any overpayment, to the deposit account referenced on the transmittal letter.

Please enter the following amendments in this application:

Please amend the claims to read as follows:

Sub F1
D 1
1. A recombinant protein comprising peptides from two or more stages in a life cycle of *Plasmodium falciparum*, wherein each peptide comprises an antigenic epitope comprising the amino acid sequence as set forth as SEQ ID NOs: 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, or 25.

Sub F1
D 2
3. A recombinant protein comprising peptides from two or more stages in a life cycle of *Plasmodium falciparum*, wherein the amino acid sequence encoding the protein comprises the amino acid sequence set forth as SEQ ID NO: 2.